# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 1 of 3				
As a below named inventor, I hereby de	eclare that:			
My residence, post office address and citizenship are as stated below next to my name;				
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:				
AUTONOMIC INFRASTRUCTURI GROUPS	E ENABLEMENT FO	R POINT IN TI	ME COPY CONSISTENCY	
the specification of which (check one)				
XX is attached hereto.  was filed on as Application Serial Number and was amended on		. (if applicable).		
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.				
I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.				
I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:				
Prior Foreign Application(s)				
Number	Country		<u>Date</u>	
I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:				
Number	<u>Date</u>		Status	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

IBM DOCKET: TUC920030109US1

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

### Page 2 of 3

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Dan Shifrin	#34,473	John H. Holcombe	#20,620
Jean M. Barkley	#39,541	Paik Saber	#37,494
Randall J. Bluestone	#40,518	Robert M. Sullivan	#39,391
Dale M. Crockatt	#35,109	John C. Kennel	#48,562
Abdy Raissinia	#38,686	John E. Hoel	#26,279
Edward A. Pennington	#32,588	Allen K. Bates	#50,276
William D. Gill	#44,124	Bryan W. Butler	#44,043
Christopher A. Hughes	#26,914	Barry J. Swanson	#33,215
Thomas D. Bratschun	#32,966	Margaret M. Wall	#33,462
Rosemary Kellogg	#39,726	Darla G. Yoerg	#48,053
Steven N. Hird	#51,112	James L. Brown	#48,576

#### **SEND CORRESPONDENCE TO:**

Dan Shifrin Swanson & Bratschun, LLC 1745 Shea Center Drive, Suite 330 Highlands Ranch, Colorado 80129 **CUSTOMER NUMBER 35825** 

## DIRECT TELEPHONE CALLS TO:

Dan Shifrin 303.268.0066 303.268.0065 (FAX) **CUSTOMER NUMBER 35825** 

Full Name of Sole or	FIRST and/or joint-inventor:	Robert F. Bartfai
	Robert de Bartja:	Date: 9/25/03
Residence:	TUCSON, ARIZONA	, , , , , , , , , , , , , , , , , , , ,
Citizenship:	United States	
Post Office Address:	6340 North Placita Derrumbadera, Tud	cson, Arizona 85750

Full Name of Sole r SECOND and/r joint-inventor: Edward H. Lin 9/25/03 Inventor's Signature: Residence: TUCSON, ARÌZONA

Citizenship:

United States

Post Office Address: 5962 East Placita De Las Luces, Tucson, Arizona 85750

IBM DOCKET: TUC920030109US1

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 3 of 3			
	THIRD and/or joint-inventor:	Gail A. Spear	
Inventor's Signature: _	TUESON, ARIZONA	Date: 5 25, 2003	
Residence:	TUESON, ARIZONA	0	
Citizenship:	United States		
Post Office Address:	Post Office Address: 6822 East Fieldstone Lane, Tucson, Arizona 85750		
Full Name of Sole or	FOURTH and/or joint-inventor:	Michael E. Factor	
Inventor's Signature:		Date:	
Residence:			
Citizenship:	Israel		
Post Office Address:	Rachel 32, Haifa 34402, Israel		
Full Name of Sole or	FIFTH and/or joint-inventor:	Sivan Tal	
Inventor's Signature: _		Date:	
	YOKNEAM ILIT, ISRAEL		
Citizenship:	Israel		
Post Office Address:	5/2 Nachal Sorek St., Yokneam Ilit 2	20692, Israel	

IBM DOCKET: TUC920030109US1

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION Page 1 of 3 As a bislow named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: autonomic infrastructure enablement for point in time copy consistency GROUPS the specification of which (check one) XX is smached hereto. \_was filed on as Application Serial Number (if applicable). and was amended on I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I herely claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) ant or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing data before that of the application on which priority is claimed: Prior Foreign Application(s) DAM Country Number

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I states application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I school of the duty to disclose information which is material to parametrizing as defined in Title 37, Code of section 1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Number Date Status

I hereity declars that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any potent issued thereon.

age 2 of 3			
OWER OF ATTORN	EY: As a named inventor, I hereby n and transact all business in the Pa	appoint the following attorney(s	) and/or agent(s) to cted therewith.
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03.268.0066 03.268.0065 (FAX) UST OMER NUMBER Vall Name of Sole or F	TRST and/or joint-inventor:	Robert F. Bartfai  Date:	
03.268.0066 03.268.0065 (FAX) CUST OMER NUMBER Full Name of Sole or F avenuer's Signature: Residence:	TUCSON, ARIZONA		
03.265.0066 03.265.0065 (FAX) CUST OMER NUMBER Full Name of Sole or F avenuer's Signature: Residence: Citizenship:	IRST and/or joint-inventor: IUCSON, ARIZONA	Date:	
103.248.0066 103.248.0065 (FAX) CUSTOMER NUMBER Full Name of Sole or Finventor's Signature: Residence: Citizership:	TUCSON, ARIZONA	Date:	
invernor's Signature: Residence: Citizenship: Post Office Address:	TRST and/or joint-inventor: TUCSON, ARIZONA United States 6140 North Placita Destumbaders,	Date:	
103.248.0066 103.248.0065 (FAX) CUST OMER NUMBER Full Name of Sole or F invernar's Signature: Residence: Citizenship: Post Office Address:	IRST and/or joint-inventor: IUCSON, ARIZONA	Date: Tucson, Arizona 85750  Edward H. Lin	
103.248.0066 103.248.0065 (FAX) CUSTOMER NUMBER Full Name of Sole or F inventor's Signature: Residence: Citizenship: Post Office Address: Full Name of Sole or S	TRST and/or joint-inventor: TIJCSON, ARIZONA United States 6340 North Placita Derrumbadera, ECOND and/or joint-inventor:	Date: Tucson, Arizona 85750	
03.268.0066 103.268.0065 (FAX) CUSTOMER NUMBER Full Name of Sole or F inventor's Signature: Citizenship: Post Office Address: Full Name of Sole or S inventor's Signature: Residence:	TIJCSON, ARIZONA United States 6140 North Placita Detrumbadera, ECOND and/or joint-inventor: TUCSON, ARIZONA	Date: Tucson, Arizona 85750  Edward H. Lin	
103.248.0066 103.248.0065 (FAX) CUSTOMER NUMBER Full Name of Sole or F inventor's Signature: Residence: Citizenship: Post Office Address: Full Name of Sole or S inventor's Signature: Residence:	TRST and/or joint-inventor: TIJCSON, ARIZONA United States 6340 North Placita Derrumbadera, ECOND and/or joint-inventor:	Date: Tucson, Arizona 85750  Edward H. Lin Date:	

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DECLARATI	ON AND POWER OF ATTOR	NEY FOR PATENT APPLICATION
Page 3 of 3		
Full Name of Sol	e or THIRD and/or joint-inventor:	Gail A. Spear
Inventor's Signatu	re:	Date:
Residence:	TUCSON, ARIZONA	
Citizeaship:	United States	
Post Office Addre	ess: 6822 East Pieldstone Lane, Tucson	Arizona 85750
Full Name of Sol	e ar FOURTH and/or joint-inventor:	Michael E. Factor
Inventor's Signan	me: Girlar &	Date: 25 Sep 2007
Residence:	HAIFA, ISRAEL	
Citizenship:	Israel Unwell Steves	
	ess: Rachel 32, Heifa 34402, Israel	
Full Name of Sol	e ar FIFTH and/or joint-inventor:	Sivan Tal
Inventor's Signatu	TO:	Date: 25 sep 2003
Residence:	YOKNEAM ILIT, ISRAEL	
Citizenship:	Israel	
Post Office Addre	ess: 5/2 Nachal Screk St., Yokneam Ilit	20692, Israel